

Schedule

R.A.K Materials Consultants Pte Ltd
25 First Lok Yang Road
Singapore 629734

Certificate No. : LA-1988-0020-B-1

Issue No. : 3

Date : 16 January 2026

Expiry of Certificate : 7 July 2026

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FIELD OF TESTING : Civil Engineering Testing

Withdrawn

MATERIALS/ PRODUCTS TESTED	TESTS/ PROPERTIES	STANDARD METHODS/ TECHNIQUES/ EQUIPMENT
A ASPHALT & BITUMINOUS PREMIXES TESTING	1 Marshall Stability & Flow Value	BS 598-107 : 2004 ASTM D1559 – 89 ASTM D6927-22
	2 Bitumen Content (Ignition Method)	ASTM D6307-19
	3 Mechanical Size Analysis of Extracted Aggregate	ASTM D5444-24
	4 Marshall Density (Relative Density)	BS 598-107 : 2004 ASTM D1559 – 89
	5 Percentage Air Voids in compacted asphalt mixtures	BS 598-104 : 2005 Annex E ASTM D3203/D3203M-22
	6 Density of Premix on cored samples with & without Sample preparation	BS 598-104 : 2005
	7 Thickness of cored samples	ASTM D3549/D3549M-18R23 BS EN 12697-36:2022
	8 Particle Size Distribution	BS 812-103.1:1985 BS EN 933-1:2012 ASTM C136/C136M-19
	9 Bulk Specific Gravity and Density	ASTM D2726/D2726M-21 BS EN 12697-6:2020
	10 Measuring Longitudinal Profile and Computing – International Roughness Index (IRI)	ASTM E950/E950M-22 ASTM E1926-08 (Reapproved 2021)

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ASPHALT & BITUMINOUS PREMIXES TESTING (Continued)	11 Preparation of Bituminous specimen using Marshall apparatus	ASTM D6926-20
	12 Resilient Modulus	ASTM D4123 – 82(1995)
	13 Effect of moisture on Asphalt	ASTM D4867/D4867M-22E01
	14 Determination of Theoretical Maximum Specific Gravity and Density of Asphalt Mixtures	ASTM D2041/D2041M-19

Approved Signatories

S/N	Name	Scope
1	Mr Ken Lee Kheng Cheong	- For all accredited tests
2	Mr Ng Cheng Keyong	- For all accredited tests
3	Mr Jackson Tan Jia Sheng	- For all accredited tests except for Section B Tests 12 & 13

Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid test results. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.